Index of Claims

| Application/Control | No. |
|---------------------|-----|
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09/937,923

Examiner

**EDWYN LABAZE** 

Applicant(s)/Patent under Reexamination

SCHWENK ET AL.

Art Unit

2876

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Cla   | aim      | Date    |          |   | _ | ſ       | Cla     | im       | Date |         |    |         |          |              |              | Г        |         |          |          |              |  |          |  |
|-------|----------|---------|----------|---|---|---------|---------|----------|------|---------|----|---------|----------|--------------|--------------|----------|---------|----------|----------|--------------|--|----------|--|
|       |          |         |          |   | i | <u></u> | Ì       | Γ        |      |         |    |         |          |              |              |          |         |          |          |              |  |          |  |
| Final | Original | 2/28/05 |          |   |   |         |         |          |      |         |    | Final   | Original |              |              |          |         |          |          |              |  |          |  |
|       | 1        | -       |          |   |   |         |         |          |      |         |    |         | 51       |              |              |          |         |          |          |              |  |          |  |
|       | 2        | •       |          |   |   |         |         |          |      |         |    |         | 52       |              |              |          |         |          |          |              |  |          | ı [  |
|       | 3        | -       |          |   |   |         |         |          | П    |         |    |         | 53       |              |              |          |         |          |          |              |  |          | ιE   |
|       | 4        | -       |          |   |   |         |         |          |      |         |    |         | 54       |              |              |          | í       |          |          |              |  |          | L  |
|       | 5        | -       |          |   |   | Г       |         |          |      |         |    |         | 55       | П            |              |          |         |          |          |              |  |          | ιE   |
|       | 6        | -       | -        |   |   |         |         |          |      | Г       |    |         | 56       |              |              |          |         |          |          |              |  |          | [  |
|       | 7        | -       |          |   |   | Г       |         | Г        | Г    |         |    |         | 57       |              |              |          |         |          |          |              |  |          |  |
|       | 8        | -       |          |   |   |         |         |          | Π    |         |    |         | 58       |              |              |          |         |          |          |              |  |          | ı [  |
|       | 9        | -       |          |   |   |         |         |          | Γ    |         |    |         | 59       |              |              |          |         |          |          |              |  |          | L  |
|       | 10       | -       |          |   |   |         |         | Г        |      |         |    |         | 60       |              |              |          |         |          |          |              |  | L.,      |  |
|       | 11       | -       |          |   |   |         | П       |          |      |         |    |         | 61       |              |              |          |         |          |          |              |  |          | ιL   |
|       | 12       | -       |          |   |   |         | Г       | П        |      |         |    |         | 62       |              |              |          |         |          |          |              |  |          | ιL   |
|       | 13       | -       |          |   |   |         |         | Ī        |      |         |    |         | 63       |              |              |          |         |          |          |              |  |          | i L  |
|       | 14       | -       | Г        |   |   |         | Γ       |          |      |         |    |         | 64       |              |              |          |         | 匚        |          |              |  |          |  |
|       | 15       | -       |          |   |   |         |         |          | L    |         |    |         | 65       |              |              |          |         |          |          |              |  |          |  |
|       | 16       |         |          | _ |   |         |         |          |      |         |    |         | 66       |              | a            |          |         |          |          |              |  |          | i L  |
|       | 17       | -       |          |   |   | Π       |         |          |      |         |    |         | 67       |              |              |          |         |          |          |              |  |          |  |
|       | 18       | V       |          |   | _ |         | П       |          |      | Г       |    |         | 68       |              |              |          |         |          |          |              |  |          |  |
|       | 19       | =       |          |   |   |         |         |          |      |         |    |         | 69       | Г            |              |          |         |          |          |              |  |          |  |
|       | 20       | =       |          |   | _ |         |         |          |      |         |    |         | 70       |              |              |          |         |          |          |              |  |          |  |
|       | 21       | 1       |          |   |   |         |         | Π        | Т    |         |    |         | 71       |              | ,            |          |         |          |          |              |  |          |  |
|       | 22       | =       |          |   |   | Г       |         |          | Г    |         |    |         | 72       |              |              |          |         |          |          |              |  |          | l L  |
|       | 23       | =       |          |   |   | Π       |         |          | Т    |         |    |         | 73       |              |              |          |         |          |          |              |  |          |  |
|       | 24       | 0       |          |   |   |         |         |          |      |         | 1  |         | 74       | Г            |              |          |         |          |          |              |  |          |  |
|       | 25       | 0       |          |   |   | T       |         |          |      |         | 1  |         | 75       |              |              |          |         |          |          |              |  |          | l [  |
|       | 26       | 0       |          | - |   | П       | 1.      |          |      |         |    |         | 76       |              |              |          |         |          | Ĺ.,      |              |  |          |  |
|       | 27       | 0       | Г        |   |   |         | 1       | Π        |      |         |    |         | 77       |              |              |          |         |          |          |              |  |          | J L  |
|       | 28       | 0       |          |   |   |         |         |          |      |         |    |         | 78       |              |              |          |         |          |          |              |  |          |  |
|       | 29       | =       | Т        |   |   |         |         |          |      |         | 1  |         | 79       |              |              | I        |         |          |          |              |  |          | l  |
|       | 30       | =       | <u> </u> |   | Г |         | T       | Π        | Ī    |         | 1  |         | 80       |              |              | Π        |         |          |          |              |  |          | ] [  |
|       | 31       | =       |          |   |   | Т       | Т       | Т        |      |         | 1  |         | 81       |              |              |          |         |          |          |              |  |          | lL   |
|       | 32       | =       |          |   |   | Т       | Τ       |          |      |         | ]  |         | 82       |              |              |          |         | 1        |          | Ľ            |  |          | l  |
|       | 33       | =       | Ĭ        | Г |   | Т       |         |          |      |         | ]  |         | 83       |              |              | <u> </u> | _       |          |          |              |  |          | ] [  |
|       | 34       | =       |          |   |   |         |         |          |      |         |    |         | 84       |              |              |          |         | Ĺ        |          |              |  | _        | 1 L  |
|       | 35       | 1       | L        |   |   |         |         |          |      |         | ]  |         | 85       |              |              |          | L       |          |          |              | L                                      | _        | [  |
|       | 36       | -       |          | Ľ |   |         |         |          |      |         | ]  |         | 86       |              |              |          |         |          |          | <u>L_</u>    |  |          | ] [  |
|       | 37       | -       |          |   |   |         |         |          |      |         | ]  |         | 87       |              |              | <u>L</u> | L       |          | $\perp$  | <u> </u>     | <u> </u>                               | _        | 1 L  |
|       | 38       | =       |          |   |   |         |         |          |      |         | 1  |         | 88       | $oxed{oxed}$ | ┖            | <u> </u> | $\perp$ | _        | _        | _            | _                                      | _        | ↓ ↓  |
|       | 39       | =       |          |   |   |         |         |          |      |         | ]  |         | 89       | $\perp$      | <u>_</u>     | $\perp$  |         | 1_       | ↓_       | $\perp$      | $\vdash$                               | ļ        | 1  |
|       | 40       | =       |          |   |   |         | <u></u> |          |      | 1       |    | <u></u> | 90       | _            | <u> -</u>    | $\perp$  | L       | ↓_       | 1_       | 1            | ļ                                      | L        | ↓  |
|       | 41       | =       |          |   |   |         |         |          |      |         | 1. | <u></u> | 91       | _            | _            | $\perp$  | L       | 1        | 1        | 1_           | ــــ                                   | L        | <b>↓                                    </b> |
|       | 42       | =       |          | L |   |         |         | <u> </u> | L    | $\perp$ | 1  |         | 92       | $\perp$      | $\perp$      | 1_       | L       | 1_       | <u> </u> | ↓_           | <u> </u>                               | <u> </u> | ↓ ↓  |
|       | 43       | =       |          |   | L |         |         |          | 1_   | _       | 1  | L       | 93       | _            | 1_           | ↓_       | L       | $\perp$  | ↓_       | <del> </del> | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | ↓  |
|       | 44       |         | $\Box$   |   |   |         |         |          |      |         | 1  |         | 94       | _            | <u> </u>     | 1        | 1       | _        | _        | 1            | <u> </u>                               | <u> </u> | 1  |
|       | 45       |         | $\Box$   | Ĺ | Ĺ |         |         |          |      |         | 1  | L       | 95       |              | <del> </del> |          | L       | 1_       | <u> </u> | 1            | <u> </u>                               | <u> </u> | 1  |
|       | 46       |         |          | L | Ĺ |         |         |          |      |         | 1  | L       | 96       | 丄            | _            | 1_       | $\perp$ | <u> </u> | ↓_       | _            | _                                      | ↓_       | Į ļ  |
|       | 47       |         |          | Ĺ | Ĺ |         |         |          |      | $\perp$ | 1  | L       | 97       | _            | ↓_           | <u> </u> | L       | 1        | <u> </u> | $\perp$      | $\perp$                                | <u> </u> | 1 1  |
|       | 48       |         |          |   |   |         |         |          | ┖    |         | ]  |         | 98       |              | L            | $\perp$  |         |          | <u> </u> | _            | 1_                                     | <u> </u> | ↓ ↓  |
|       | 49       |         |          |   |   |         | L       |          |      |         | 1  | <u></u> | 99       | _            | <u> </u>     | 1        | $\perp$ | $\perp$  | $\perp$  | _            | _                                      |          | 1  |
|       | 50       |         |          | Г |   |         | I       | 1        | 1    | 1       | 1  | 1       | 100      | 1            | 1            | 1        | 1       | 1        | ı        | 1            | 1                                      | i i      | 1 1  |

| Cia       | 1111           |                |              |  |          | Jak      | Ξ,   |  |                |                 |
|-----------|----------------|----------------|--------------|--|----------|----------|--|--|----------------|-----------------|
| Final     | Original       |                |              |  |          |          |  |  |                |                 |
|           | 51             |                |              |  |          |          |  |  |                |                 |
| 1         | 51<br>52       | -              | $\dashv$     |  |          |          |  |  |                |                 |
|           | 52             |                | $\dashv$     |  |          | $\vdash$ |  |  |                |                 |
| <b>——</b> | 53             | _              |              | _  | _        |          |  |  |                | $\dashv$        |
|           | 54<br>55       | _              |              |  |          | _        |  |  |                | $\square$       |
|           | 55             |                |              |  | <u> </u> | _        |  |  |                | Щ               |
|           | 56             |                |              |  |          |          |  |  |                | Ш               |
|           | 57             |                |              |  |          |          |  |  |                |                 |
|           | 58             |                |              |  |          |          |  |  |                |                 |
|           | 59             |                |              |  |          |          |  |  |                |                 |
|           | 60             |                |              |  |          |          |  |  |                |                 |
|           | 61             |                |              |  | Г        |          |  |  | Г              |                 |
|           | 62             | $\overline{}$  |              |  | $\vdash$ | $\vdash$ |  |  |                |                 |
| <b>—</b>  | 63             |                |              |  | $\vdash$ |          | $\vdash$   |  | $\vdash$       | $\vdash \lnot$  |
|           | 64             | $\overline{}$  |              | -  |          | 一        | ┢  | _  | $\vdash$       | $\vdash$        |
| $\vdash$  | 65             |                |              | ├─   |          | $\vdash$ | -  | -  |                | $\vdash \vdash$ |
|           | 66             |                | ia<br>ia     |  |          | $\vdash$ | ┝  |  |                | $\vdash$        |
| -         | 60             |                | -            |  | -        | ┝        |  | _  | _              | Н               |
| -         | 67             |                |              | -  | ├        | ₩        |  | _  | -              | Н               |
|           | 68             |                | _            | <u> </u>   | ـــ      | _        | _  | <u> </u>   | _              | Н               |
| <u> </u>  | 69             |                | ÷            | <u> </u>   | <u> </u> |          | _  | _  | <u> </u>       | Ш               |
| ļ         | 70             |                | _            |  | <u> </u> | _        |  | _  | _              |                 |
|           | 71             |                |              | <u> </u>   | _        | L        | _  | <u> </u>   | L_             | Щ               |
|           | 72             |                |              |  |          |          |  | <u> </u>   |                | Ш               |
|           | 73             |                |              |  |          |          |  |  |                |                 |
|           | 73<br>74       |                | Ţ            |  | l        |          |  |  |                |                 |
|           | l 75 I         | Г              |              |  |          |          |  |  |                |                 |
|           | 76<br>77       |                |              |  |          |          |  |  |                | l .             |
|           | 77             |                |              |  | Γ        |          |  |  |                |                 |
|           | 78             |                |              | Г  |          |          |  |  |                |                 |
|           | 79             |                |              |  |          |          | Π  |  |                |                 |
|           | 80             |                |              | _  |          |          | Г  |  |                |                 |
|           | 81             |                |              | <del>                                     </del> |          |          | ┢  | _  |                |                 |
| _         | 81<br>82<br>83 |                | $\vdash$     | ┢  | T        |          | <u> </u>   | 1  |                | Т               |
|           | 83             |                |              | ╁  | $t^-$    | t        | <del>                                     </del> | $\vdash$   | 1              | Г               |
| -         | 84             | $\vdash$       | $\vdash$     | ┼  | $\vdash$ | $\vdash$ | $\vdash$   | <del>                                     </del> | 1              | Н               |
|           | 84<br>85       | <del> </del>   | $\vdash$     | $\vdash$   | t        | $\vdash$ | †  | -  | 1              | $\vdash$        |
| -         | 86             | $\vdash$       | ╁            | $\vdash$   | +-       | ╁        | $\vdash$   | $\vdash$   | <del>  -</del> | $\vdash$        |
|           | 87             |                | ╁            | $\vdash$   | ╁╾       | $\vdash$ | $\vdash$   | ├  | ├-             | $\vdash$        |
| -         | 0/             | ├-             | ⊢            | ⊢  | ╁        | ╁        | ⊢  |  | ╁              | ┢               |
| <b>-</b>  | 88<br>89       | $\vdash$       | $\vdash$     | +  | +        | ╁        | ╁╌   | -  | $\vdash$       | 1               |
|           | 00             | ⊢              | ╁            | ╁  | ╁        | ╁╌       | ╁  | ⊢  | ⊢              | -               |
| -         | 90             | $\vdash$       | <del> </del> | $\vdash$   | $\vdash$ | ╁╌       | ┼  | $\vdash$   | +              | +-              |
| <b>-</b>  | 91             | ├              | +            | $\vdash$   | +-       | ╀        | $\vdash$   | ┢  | +-             | $\vdash$        |
| <u> </u>  | 92             | $\vdash$       | $\vdash$     | +-   | +        | +-       | $\vdash$   | ├  | $\vdash$       | $\vdash$        |
| <u> </u>  | 93             |                | ┼            | ┼  | ₩        | $\vdash$ | ╂  | ╀  | $\vdash$       | ├-              |
| L         | 94             | ├-             | ₩            | +  | +-       | ₽        | 1-   | ₩  | ├-             | ┼               |
| L         | 95             | <del>  -</del> | <del> </del> | ╄  | 1        | ₩        | ⊬  |  |                |                 |
|           | 96             | $\vdash$       |              | $\perp$  | _        | ļ        | ـ  | ⊢  | $\vdash$       |                 |
| ļ         | 97             | <u> </u>       | 1_           | ╄  | 1_       | ـ        | ╄  | $\vdash$   | $\vdash$       | 1_              |
| <u> </u>  | 98             | 1              | ↓_           | ╀  | 1        | ╄        | <u> </u>   | ـ  | 1-             | <del> </del>    |
| <u> </u>  | 99             | ļ              | <u> </u>     | 1  | $\perp$  | $\perp$  | $oxdapsymbol{oldsymbol{\perp}}$                  | <u> </u>   | ـ              | 上               |
|           | 100            | 1              | 1            | 1  | 1        | 1        | ĺ  |  | 1              | 1               |

| CI          | aim   | Date     |           |  |              |          |          |          |                |                 |  |  |
|-------------|---|----------|-----------|--|--------------|----------|----------|----------|----------------|-----------------|--|--|
| Cli         | aim   |          |           |  |              | Jate     | -        | _        |                |                 |  |  |
| Final       | Original  |          |           |  |              |          |          |          |                |                 |  |  |
|             | 101<br>102  |          |           |  |              |          |          |          |                |                 |  |  |
|             | 102   |          |           |  |              |          |          |          |                |                 |  |  |
|             | 103   |          | _         | $\vdash$   |              |          |          |          |                | $\dashv$        |  |  |
|             | 104   | ⊢        | -         |  | -            |          |          |          |                |                 |  |  |
|             | 103<br>104<br>105<br>106  | ┝        | -         | -  | $\vdash$     |          | -        |          | -              | =               |  |  |
|             | 107   | $\vdash$ | ┢         | ┢  |              |          | -        |          |                | $\dashv$        |  |  |
|             | 108   |          |           | <del>                                     </del> | _            |          |          |          | _              | П               |  |  |
|             | 108<br>109<br>110   |          |           |  |              |          | Г        |          |                |                 |  |  |
|             | 110   |          |           |  |              |          |          |          |                |                 |  |  |
|             | 111   |          |           |  |              | _        |          |          |                |                 |  |  |
|             | 112   |          |           | <u> </u>   |              | <u> </u> |          | _        | _              | Н               |  |  |
|             | 111<br>112<br>113<br>114<br>115<br>116<br>117                             | -        |           |  | -            | _        | $\vdash$ | $\vdash$ | -              | Н               |  |  |
|             | 114   | -        |           | -  |              | -        | $\vdash$ | $\vdash$ |                | $\vdash\vdash$  |  |  |
|             | 116   | -        | $\vdash$  |  | -            | ┢        |          |          | <del>  -</del> | H               |  |  |
|             | 117   | $\vdash$ | -         | T  |              | Ι-       | <u> </u> |          | $\vdash$       | H               |  |  |
|             | 118   |          |           |  |              |          |          |          |                |                 |  |  |
|             | 119   |          |           |  |              |          |          |          |                |                 |  |  |
|             | 120   |          |           |  |              |          |          |          |                |                 |  |  |
|             | 121   | _        | ļ         |  | _            | ļ        |          |          | L.             | Ц               |  |  |
|             | 122   | <u> </u> | ļ         | _  |              | <u> </u> | _        | <u> </u> | <u> </u>       | -               |  |  |
|             | 123   | ├        | ⊬         | -  | <u> </u>     | <u> </u> | ├        |          | _              | -               |  |  |
| <b></b>     | 124   | ┼        | -         | +-   | ┢            | $\vdash$ |          | ├        | ┢              | Н               |  |  |
| <del></del> | 126   | +-       | ┼─        | $\vdash$   | <del> </del> | ┢        | ╁        |          | $\vdash$       | Н               |  |  |
|             | 127   | <b>†</b> | †         | t  | -            | ┢        |          |          |                | П               |  |  |
|             | 128   | Τ        |           | ١.   |              |          | Г        |          |                |                 |  |  |
|             | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          |           |  |              |          |          |          |                |                 |  |  |
|             | 130<br>131<br>132   | _        | L         | <u> </u>   | <u> </u>     | _        |          | <u> </u> | <u> </u>       | Ш               |  |  |
|             | 131   | ↓_       | _         |  | <u> </u>     | _        | _        | <u> </u> | Ļ.,            | $\vdash$        |  |  |
|             | 132   | ╀        | ⊢         | +  | -            | ┼        | -        | ┢        | ├-             | $\vdash$        |  |  |
|             | 133<br>134  | ├        | ╁         | $\vdash$   | ⊢            | ├-       | ╁╾       | $\vdash$ | ┝              | Н               |  |  |
|             | 135   | +-       | ╁         | $\vdash$   | ╁            | $\vdash$ | -        | -        | ╁              | $\vdash$        |  |  |
|             | 135<br>136  | $\vdash$ | ┼-        | +  |              | t        | 1-       | $\vdash$ |                |                 |  |  |
|             | 137   | 1        | T         | t  |              | 1        | 1        | T        |                | Ϊ́              |  |  |
|             | 138<br>139  |          |           |  |              |          |          |          | L              |                 |  |  |
|             | 139   |          |           | $\perp$  | _            | L        | 1        | $\perp$  | <u> </u>       | Ш               |  |  |
|             | 140   | $\vdash$ | ـ         | ╀  | -            | 1        | ₩        | -        | ├-             | $\vdash \vdash$ |  |  |
|             | 141   | $\vdash$ | +         | +  | $\vdash$     | $\vdash$ | ├-       | ╀        | +              | $\vdash \vdash$ |  |  |
|             | 142<br>143  | ╁        | +-        | +  | +            | $\vdash$ | $\vdash$ | $\vdash$ | +              | $\vdash$        |  |  |
| <u> </u>    | 144   | +        | +         | +  | +            | ╁        | +        | $\vdash$ | -              | +               |  |  |
|             | 145   | T        | $\dagger$ | $\top$   | 十            | †-       | T        | t        | $\dagger$      | +               |  |  |
|             | 146   | T        | T         | 1  |              | T        |          | T        |                | П               |  |  |
|             | 147   |          | Ι         |  |              |          |          |          | L              |                 |  |  |
|             | 148   |          |           |  |              |          |          | ┖        |                |                 |  |  |
|             | 149   | $\perp$  |           |  | L            | L        |          | L        | 1              | Ш               |  |  |
|             | 150   | 1        |           |  | <u>L</u>     | <u>L</u> | 1_       | 丄        |                |                 |  |  |